



WORLDWIDE ELECTRIC MOTOR DATA SHEET

PEWWE10-18-215TC



HORSEPOWER	10		
RPM / POLES	1800 / 4		
VOLTAGE / PHASE	230 / 460 V / 3		
FRAME	215TC		
ENCLOSURE / DEGREE OF PROTECTION	TEFC / IP55		
FREQUENCY	60 HZ Suitable For 50 HZ Operation With 1.0 SF		
FULL LOAD SPEED	1760 RPM		
SERVICE FACTOR	1.25		
INSULATION CLASS	F		
FULL LOAD AMPS; 230 / 460	24.3 / 12.2 A (Usable On 208V At 30.4 A)		
LOCKED ROTOR AMPS (STARTING); 230 / 460	162 / 81 A		
NO LOAD CURRENT	10 / 5 A		
NEMA CODE LETTER	H		
EFFICIENCY / POWER FACTOR	<u>LOAD</u>	<u>EFF.</u>	<u>P.F.</u>
	100 %	91.7%	0.84
	75 %	91.9%	0.79
	50 %	91.6%	0.69
DUTY CYCLE	S1 / Continuous		
TORQUE	<u>FULL LOAD</u>	<u>LRT</u>	<u>BDT</u>
	29.8 lb.ft.	170%	280%
SLIP	2.22 %		
NEMA DESIGN	B		
MOMENT OF INERTIA	0.75 lb.ft.²		
MAX. TIME LOCKED ROTOR (Hot)	13 Seconds		
SOUND PRESSURE LEVEL	64 dB (A)		
MAX. AMBIENT TEMPERATURE	40° C		
MAX. ELEVATION	3300 Ft.		
TEMPERATURE RISE (At Full Load)	80° C		
DE BEARING	6308ZZ C3		
ODE BEARING	6207ZZ C3		
REGREASING INT. - DE BEARING	---		
REGREASING INT. - ODE BEARING	---		
GREASE TYPE	SKF LGHP 2		
MOUNTING	F1		
ROTATION	Bi-Directional		
SHAFT MATERIAL	1045 Carbon Steel		
INVERTER RATING	10:1 CT / 20:1 VT PWM Type		
CONNECTION DIAGRAM	230 / 460 V - 9 Lead Δ		
AREA CLASSIFICATION	Class I, Division 2, Groups A, B, C, D		
APPROXIMATE WEIGHT	193 lbs.		



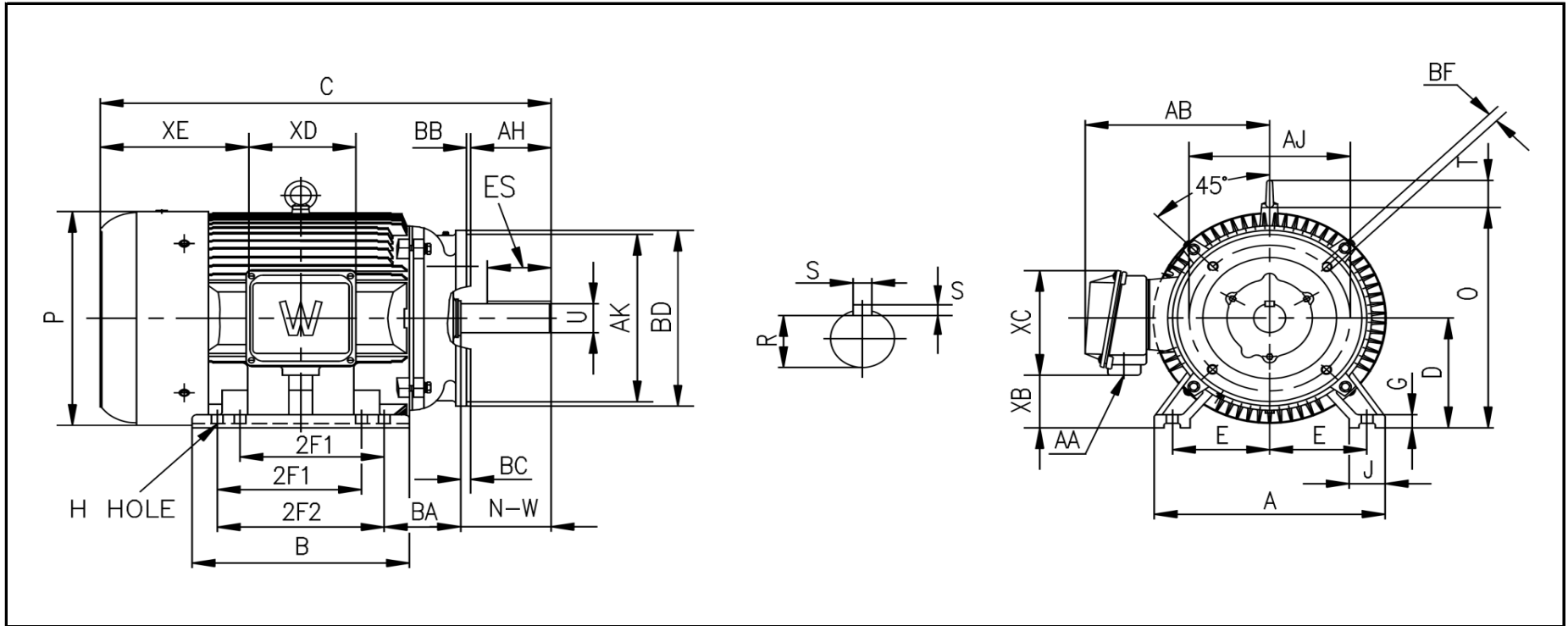
CC006A





WORLDWIDE ELECTRIC MOTOR DRAWING

PEWWE-215TC



DIMENSIONS - INCHES

MOUNTING					A	B	C	D	G	J	P	O	T	AB
E	2F1	2F2	H	BA										
4.25	5.5	7	0.41	3.5	10.5	10.5	21.8	5.25	0.71	2.4	10.4	10.6	1.73	8.5

KEY		KEYSET	FLANGE				SHAFT		TERMINAL BOX					
S	ES	R	AK	AJ	BF	BB	BD	N-W	U	AA	XB	XC	XD	XE
0.312	2.41	1.201	8.5	7.25	1/2 - 13	0.25	9	3.38	1.375	1	3.3	5.1	4.6	8.37

REVISED - 08/11/17

PERFORMANCE CURVES

WorldWide Electric Corporation

1 (800) 808-2131

Worldwideelectric.net



Premium Efficiency Motor:

PEWWE10-18-215TC

Document Generated:	25-Jun-2020	Customer:	
Document ID:			

Motor Type	PEWWE		
Output Rating (HP)	10	FL Speed	1765
Full Load Torque	29.7 lb.ft	LRT (%FLT)	175
Rotor Wk ²	0.814 lb-ft ²	BDT (%FLT)	260
		460 volt FLA	12.2
		230 volt FLA	24.3A

